

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. IIDAP19.001C1	APPLICATION NO. 10/005,880
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Usami, et al.	
		FILING DATE November 2, 2001	GROUP 1742



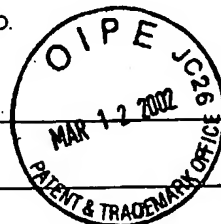
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
E	1	4,362,579	12/07/82	Tsuji			
	2	4,877,577	10/31/89	Futatsuka, et al.			
	3	5,028,391	07/02/91	Ingerson			
	4	5,334,346	08/02/94	Kim, et al.			
	5	5,463,247	10/31/95	Futatsuka, et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION.	
							YES	NO
2	6	11-222641 ✓	17.08.1999	Japan			X (Partial)	
	7	11-256256 ✓	21.09.1999	Japan			X (Partial)	
	8	05-059468 ✓	09.03.1993	Japan			X (Partial)	
	9	01-180932 ✓	18.07.1989	Japan			X (Partial)	
	10	06-100983 ✓	12.04.1994	Japan			X (Partial)	
	11	61-127842 ✓	16.06.1986	Japan			X (Abstract)	
	12	11-043731 ✓	16.02.1999	Japan			X (Partial)	
	13	63-130739 ✓	02.06.1988	Japan			X (Partial)	
	14	59-193233 ✓	01.11.1984	Japan			X (Abstract)	
	15	07-054079 ✓	28.02.1995	Japan			X (Abstract)	
	16	10-330867 ✓	15.12.1998	Japan			X (Abstract)	
	17	7-090520 ✓	04.04.1995	Japan			X (Abstract)	
	18	2-170937 ✓	02.07.1990	Japan			X (Abstract)	
	19	2-118037 ✓	02.05.1990	Japan			X (Abstract)	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
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EXAMINER	S. Je	DATE CONSIDERED	2/23/04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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(USE SEVERAL SHEETS IF NECESSARY)	FILING DATE November 2, 2001	GROUP 1742



EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
3	20	Search Report from PCT/JP01/04351
3	21	Assignee's co-pending U.S. Application Serial No. 09/968,389; filed September 27, 2001; Usami, et al.

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EXAMINER	DATE CONSIDERED 2/23/04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 020961	Serial No. 10/005,880
	Applicant(s): Takayuki USAMI et al.	
	Filing Date: November 2, 2001	Group Art Unit: 1742

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					
_____	AC					
_____	AD					
_____	AE					

### FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
<div style="display: flex;"> <div style="flex: 1;"> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">E</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> </div> <div style="flex: 1;"> AF AG AH AI AJ </div> </div>	JP 6-41660	02/15/94	Japan
			yes (abstract)

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### OTHER DOCUMENTS

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Examiner	S. Ig	Date Considered	2/22/04
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INFORMATION DISCLOSURE CITATION P60149	Atty. Docket No. 020961	Serial No. 10/005,880
	Applicant(s): USAMI, Takayuki, et al.	
	Filing Date: November 2, 2001	Group Art Unit: 1742

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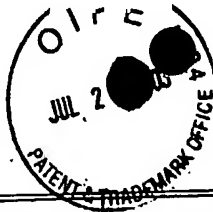
Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
<u>R</u>	AA	5,833,920	Nakanishi et al.	11/10/1998	420 477	02/19/1997
<u>R</u>	AB	4,594,221	Caron et al.	06/10/1986	420 485	04/26/1985
<u>R</u>	AC	4,728,372	Caron et al.	03/01/1988	148 2	12/30/1985

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
		Document No.	Date	Country	Translation (Yes or No)
<u>C</u>	AD	7-90520	04/04/1995	Japan	Yes
	AE	11-222641	08/17/1999	Japan	Yes
	AF	5-59468	03/09/1993	Japan	Yes
	AG	11-043731	02/16/1999	Japan	Yes
	AH	6-41660	02/15/1994	Japan	Yes
	AI ✓	448235 ✓	08/01/2001	Taiwan	Yes (Abstract only)
<u>C</u>	AJ	0 440 548	08/07/1991	Europe	N/A

## OTHER DOCUMENTS

	AK ✓	<del>Journal of the Japan Copper and Brass Research Association, 2001, Vol. 40, w/concise explanation thereof</del>
	AL ✓	<del>Furukawa Electric Review, No. 107, January 2001, w/concise explanation thereof</del>
	AM ✓	<del>Synopses of the 38<sup>th</sup> Symposium of Copper and Brass Technical Research Association, published on September 22, 1998, w/English translation</del>
	AN ✓	<del>Synopses of the 40<sup>th</sup> Symposium of Copper and Brass Technical Research Association, published on September 20, 2000, w/English translation</del>
	AO ✓	<del>33<sup>rd</sup> Annual HCIT, 2000 Conference Proceeding of October 23, 2000</del>
Examiner	S. Igo	
Date Considered	2/23/04	



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 020961	Serial No. 10/005,880
	Applicant(s): USAMI, Takayuki, et al.	
	Filing Date: November 2, 2001	Group Art Unit: 1742

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### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
<u>2</u>	AA	4,612,167	Watanabe et al.	09/16/1986	420 471	03/01/1985
	AB	4,656,003	Miyafuji et al.	04/07/1987	420 473	10/11/1985
	AC	5,846,346	Lee et al.	12/08/1998	148 433	11/26/1996
	AD	4,687,633	Miyafuji et al.	08/18/1987	420 481	01/07/1986
<u>2</u>	AE	6,040,067	Sugawara et al.	03/21/2000	428 647	07/09/1997

### FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
<u>2</u>	AF ✓ EP 0 949 343	10/13/1999	Europe	N/A
	AG ✓ EP 0 501 438	09/02/1992	Europe	N/A
	AH ✓ JP 5-1367	01/08/1993	Japan	Yes (Abstract only)
<u>2</u>	AI ✓ JP 11-140569	05/25/1999	Japan	Yes (Abstract only)
	AJ			

### OTHER DOCUMENTS

_____	AK	
_____	AL	
Examiner	<u>S. J.</u>	Date Considered <u>2/23/04</u>